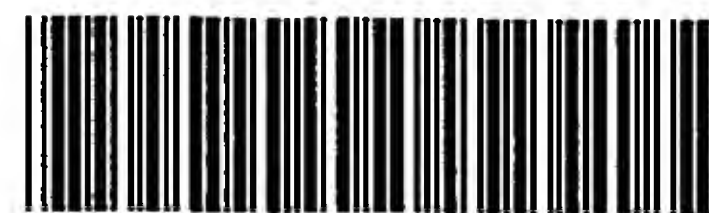


RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/553,816
Source: IFW0
Date Processed by STIC: 12/15/2006

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IFWO

RAW SEQUENCE LISTING

DATE: 12/15/2006

PATENT APPLICATION: US/10/553,816

TIME: 12:04:45

Input Set : N:\efs\12_15_06\10553816_efs\seqlist.txt

Output Set: N:\CRF4\12152006\J553816.raw

4 <110> APPLICANT: Bougueleret, Lydie
 5 Cusin, Isabelle
 7 <120> TITLE OF INVENTION: SECRETED POLYPEPTIDE SPECIES REDUCED IN
 8 CARDIOVASCULAR DISORDERS
 11 <130> FILE REFERENCE: 33636 US-PCT GEP5045
 13 <140> CURRENT APPLICATION NUMBER: 10/553,816
 C--> 14 <141> CURRENT FILING DATE: 2005-10-19
 16 <150> PRIOR APPLICATION NUMBER: 60/465,484
 17 <151> PRIOR FILING DATE: 2003-04-25
 19 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/004342
 20 <151> PRIOR FILING DATE: 2004-04-23
 22 <160> NUMBER OF SEQ ID NOS: 137
 24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 185
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Homo sapiens
 31 <220> FEATURE:
 32 <221> NAME/KEY: PROPEP
 33 <222> LOCATION: (1)...(185)
 34 <223> OTHER INFORMATION: Full length sequence of the CPP of the invention
 36 <400> SEQUENCE: 1
 37 Met Lys Leu Val Ser Val Ala Leu Met Tyr Leu Gly Ser Leu Ala Phe
 38 1 5 10 15
 39 Leu Gly Ala Asp Thr Ala Arg Leu Asp Val Ala Ser Glu Phe Arg Lys
 40 20 25 30
 41 Lys Trp Asn Lys Trp Ala Leu Ser Arg Gly Lys Arg Glu Leu Arg Met
 42 35 40 45
 43 Ser Ser Ser Tyr Pro Thr Gly Leu Ala Asp Val Lys Ala Gly Pro Ala
 44 50 55 60
 45 Gln Thr Leu Ile Arg Pro Gln Asp Met Lys Gly Ala Ser Arg Ser Pro
 46 65 70 75 80
 47 Glu Asp Ser Ser Pro Asp Ala Ala Arg Ile Arg Val Lys Arg Tyr Arg
 48 85 90 95
 49 Gln Ser Met Asn Asn Phe Gln Gly Leu Arg Ser Phe Gly Cys Arg Phe
 50 100 105 110
 51 Gly Thr Cys Thr Val Gln Lys Leu Ala His Gln Ile Tyr Gln Phe Thr
 52 115 120 125
 53 Asp Lys Asp Lys Asp Asn Val Ala Pro Arg Ser Lys Ile Ser Pro Gln
 54 130 135 140
 55 Gly Tyr Gly Arg Arg Arg Arg Arg Ser Leu Pro Glu Ala Gly Pro Gly
 56 145 150 155 160
 57 Arg Thr Leu Val Ser Ser Lys Pro Gln Ala His Gly Ala Pro Ala Pro

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Input Set : N:\efs\12_15_06\10553816_efs\seqlist.txt

Output Set: N:\CRF4\12152006\J553816.raw

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58                               165                               170                               175
59 Pro Ser Gly Ser Ala Pro His Phe Leu
60                               180                               185
63 <210> SEQ ID NO: 2
64 <211> LENGTH: 164
65 <212> TYPE: PRT
66 <213> ORGANISM: Homo sapiens
68 <220> FEATURE:
69 <221> NAME/KEY: PEPTIDE
70 <222> LOCATION: (1)...(163)
71 <223> OTHER INFORMATION: Full length sequence of the CPP of the invention
73 <400> SEQUENCE: 2
74 Ala Arg Leu Asp Val Ala Ser Glu Phe Arg Lys Lys Trp Asn Lys Trp
75 1                               5                               10                               15
76 Ala Leu Ser Arg Gly Lys Arg Glu Leu Arg Met Ser Ser Ser Tyr Pro
77                               20                               25                               30
78 Thr Gly Leu Ala Asp Val Lys Ala Gly Pro Ala Gln Thr Leu Ile Arg
79                               35                               40                               45
80 Pro Gln Asp Met Lys Gly Ala Ser Arg Ser Pro Glu Asp Ser Ser Pro
81 50                               55                               60
82 Asp Ala Ala Arg Ile Arg Val Lys Arg Tyr Arg Gln Ser Met Asn Asn
83 65                               70                               75                               80
84 Phe Gln Gly Leu Arg Ser Phe Gly Cys Arg Phe Gly Thr Cys Thr Val
85                               85                               90                               95
86 Gln Lys Leu Ala His Gln Ile Tyr Gln Phe Thr Asp Lys Asp Lys Asp
87                               100                              105                              110
88 Asn Val Ala Pro Arg Ser Lys Ile Ser Pro Gln Gly Tyr Gly Arg Arg
89                               115                              120                              125
90 Arg Arg Arg Ser Leu Pro Glu Ala Gly Pro Gly Arg Thr Leu Val Ser
91                               130                              135                              140
92 Ser Lys Pro Gln Ala His Gly Ala Pro Ala Pro Pro Ser Gly Ser Ala
93 145                              150                              155                              160
94 Pro His Phe Leu
98 <210> SEQ ID NO: 3
99 <211> LENGTH: 48
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
103 <220> FEATURE:
104 <221> NAME/KEY: PEPTIDE
105 <222> LOCATION: (1)...(48)
106 <223> OTHER INFORMATION: The plasma fragment sequence (CPP 19, SEQ ID NO:3)
108 <400> SEQUENCE: 3
109 Glu Leu Arg Met Ser Ser Ser Tyr Pro Thr Gly Leu Ala Asp Val Lys
110 1                               5                               10                               15
111 Ala Gly Pro Ala Gln Thr Leu Ile Arg Pro Gln Asp Met Lys Gly Ala
112                               20                               25                               30
113 Ser Arg Ser Pro Glu Asp Ser Ser Pro Asp Ala Ala Arg Ile Arg Val
114                               35                               40                               45
117 <210> SEQ ID NO: 4

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DATE: 12/15/2006

PATENT APPLICATION: US/10/553,816

TIME: 12:04:45

Input Set : N:\efs\12_15_06\10553816_efs\seqlist.txt

Output Set: N:\CRF4\12152006\J553816.raw

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118 <211> LENGTH: 27
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120 <213> ORGANISM: Homo sapiens
122 <220> FEATURE:
123 <221> NAME/KEY: PEPTIDE
124 <222> LOCATION: (1)...(27)
125 <223> OTHER INFORMATION: A peptide sequence found by MS-MS mass
126     spectrometry in the plasma of control individuals
128 <400> SEQUENCE: 4
129 Met Ser Ser Ser Tyr Pro Thr Gly Leu Ala Asp Val Lys Ala Gly Pro
130 1          5          10          15
131 Ala Gln Thr Leu Ile Arg Pro Gln Asp Met Lys
132          20          25
135 <210> SEQ ID NO: 5
136 <211> LENGTH: 13
137 <212> TYPE: PRT
138 <213> ORGANISM: Homo sapiens
140 <220> FEATURE:
141 <221> NAME/KEY: PEPTIDE
142 <222> LOCATION: (1)...(13)
143 <223> OTHER INFORMATION: A peptide sequence found by MS-MS mass
144     spectrometry in the plasma of control individuals
146 <400> SEQUENCE: 5
147 Met Ser Ser Ser Tyr Pro Thr Gly Leu Ala Asp Val Lys
148 1          5          10
151 <210> SEQ ID NO: 6
152 <211> LENGTH: 14
153 <212> TYPE: PRT
154 <213> ORGANISM: Homo sapiens
156 <220> FEATURE:
157 <221> NAME/KEY: PEPTIDE
158 <222> LOCATION: (1)...(14)
159 <223> OTHER INFORMATION: A peptide sequence found by MS-MS mass
160     spectrometry in the plasma of control individuals
162 <400> SEQUENCE: 6
163 Ala Gly Pro Ala Gln Thr Leu Ile Arg Pro Gln Asp Met Lys
164 1          5          10
167 <210> SEQ ID NO: 7
168 <211> LENGTH: 14
169 <212> TYPE: PRT
170 <213> ORGANISM: Homo sapiens
172 <220> FEATURE:
173 <221> NAME/KEY: PEPTIDE
174 <222> LOCATION: (1)...(14)
175 <223> OTHER INFORMATION: A CPP 2 peptide
177 <400> SEQUENCE: 7
178 Cys Thr Ser Met Ala Ser Glu Asn Ser Glu Cys Ser Val Lys
179 1          5          10
182 <210> SEQ ID NO: 8

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RAW SEQUENCE LISTING

DATE: 12/15/2006

PATENT APPLICATION: US/10/553,816

TIME: 12:04:45

Input Set : N:\efs\12_15_06\10553816_efs\seqlist.txt

Output Set: N:\CRF4\12152006\J553816.raw

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183 <211> LENGTH: 14
184 <212> TYPE: PRT
185 <213> ORGANISM: Homo sapiens
187 <220> FEATURE:
188 <221> NAME/KEY: PEPTIDE
189 <222> LOCATION: (1)...(14)
190 <223> OTHER INFORMATION: A CPP 2 peptide
192 <400> SEQUENCE: 8
193 Ser Asn Cys Cys Gln His Ser Ser Ala Leu Gly Leu Ala Arg
194 1 5 10
197 <210> SEQ ID NO: 9
198 <211> LENGTH: 19
199 <212> TYPE: PRT
200 <213> ORGANISM: Homo sapiens
202 <220> FEATURE:
203 <221> NAME/KEY: PEPTIDE
204 <222> LOCATION: (1)...(18)
205 <223> OTHER INFORMATION: A CPP 2 peptide
207 <400> SEQUENCE: 9
208 Thr Ile Val Gly Ser Ile Thr Asn Thr Asn Phe Gly Ile Cys His Asp
209 1 5 10 15
210 Ala Gly Arg
214 <210> SEQ ID NO: 10
215 <211> LENGTH: 12
216 <212> TYPE: PRT
217 <213> ORGANISM: Homo sapiens
219 <220> FEATURE:
220 <221> NAME/KEY: PEPTIDE
221 <222> LOCATION: (1)...(12)
222 <223> OTHER INFORMATION: A CPP 8 peptide
224 <400> SEQUENCE: 10
225 Cys Leu Asp Pro Val Asp Thr Pro Asn Pro Thr Arg
226 1 5 10
229 <210> SEQ ID NO: 11
230 <211> LENGTH: 15
231 <212> TYPE: PRT
232 <213> ORGANISM: Homo sapiens
234 <220> FEATURE:
235 <221> NAME/KEY: PEPTIDE
236 <222> LOCATION: (1)...(15)
237 <223> OTHER INFORMATION: A CPP 8 peptide
239 <400> SEQUENCE: 11
240 Tyr Lys Lys Pro Glu Cys Gln Ser Asp Trp Gln Cys Pro Gly Lys
241 1 5 10 15
244 <210> SEQ ID NO: 12
245 <211> LENGTH: 14
246 <212> TYPE: PRT
247 <213> ORGANISM: Homo sapiens
249 <220> FEATURE:

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RAW SEQUENCE LISTING

DATE: 12/15/2006

PATENT APPLICATION: US/10/553,816

TIME: 12:04:45

Input Set : N:\efs\12_15_06\10553816_efs\seqlist.txt

Output Set: N:\CRF4\12152006\J553816.raw

250 <221> NAME/KEY: PEPTIDE
 251 <222> LOCATION: (1)...(14)
 252 <223> OTHER INFORMATION: A CPP 9 peptide
 254 <400> SEQUENCE: 12
 255 Asp Pro Pro Gln Tyr Pro Val Val Pro Val His Leu Asp Arg
 256 1 5 10
 259 <210> SEQ ID NO: 13
 260 <211> LENGTH: 15
 261 <212> TYPE: PRT
 262 <213> ORGANISM: Homo sapiens
 264 <220> FEATURE:
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 266 <222> LOCATION: (1)...(15)
 267 <223> OTHER INFORMATION: A CPP 9 peptide
 269 <400> SEQUENCE: 13
 270 Arg Asp Pro Pro Gln Tyr Pro Val Val Pro Val His Leu Asp Arg
 271 1 5 10 15
 274 <210> SEQ ID NO: 14
 275 <211> LENGTH: 17
 276 <212> TYPE: PRT
 277 <213> ORGANISM: Homo sapiens
 279 <220> FEATURE:
 280 <221> NAME/KEY: PEPTIDE
 281 <222> LOCATION: (1)...(17)
 282 <223> OTHER INFORMATION: A CPP 9 peptide
 284 <400> SEQUENCE: 14
 285 Tyr Ala Gln Thr Pro Ala Asn Met Phe Tyr Ile Val Ala Cys Asp Asn
 286 1 5 10 15
 287 Arg
 291 <210> SEQ ID NO: 15
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 293 <212> TYPE: PRT
 294 <213> ORGANISM: Homo sapiens
 296 <220> FEATURE:
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 298 <222> LOCATION: (1)...(12)
 299 <223> OTHER INFORMATION: A CPP 12 peptide
 301 <400> SEQUENCE: 15
 302 Glu Ser Leu Ser Gly Val Cys Glu Ile Ser Gly Arg
 303 1 5 10
 306 <210> SEQ ID NO: 16
 307 <211> LENGTH: 22
 308 <212> TYPE: PRT
 309 <213> ORGANISM: Homo sapiens
 311 <220> FEATURE:
 312 <221> NAME/KEY: PEPTIDE
 313 <222> LOCATION: (1)...(22)
 314 <223> OTHER INFORMATION: A CPP 12 peptide
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VERIFICATION SUMMARY

DATE: 12/15/2006

PATENT APPLICATION: US/10/553,816

TIME: 12:04:46

Input Set : N:\efs\12_15_06\10553816_efs\seqlist.txt

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date